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digitized audio into the memory. The memory can also be used to store a directory in the same manner as RAM 33 of FIG. 4. Upon command a voice title can be read from memory 554 and decompressed and sent to digital analog converter 556 and output via audio electronics 562 to speaker 564. Note that the audio amplifier 226 is coupled to the write head to write the audio onto tape 212 and that the read head 228 is coupled to speaker 564. In operation the user would press voice title button 222 to record a title, and then speak into microphone 224. The spoken title would be digitized and stored in memory 554. The voice titles in memory 554 can be accessed in the manner indicated in FIG. 14 by using controls 216.

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\ Please amend the paragraph on Page 19, line 20 - 29, to read as follows:

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FIG. 17 shows a display of a segment directory on a display which could be a television or a display on the camcorder or VCR. As shown, a segment directory contains the date and time of each segment, the length of each segment and whether or not a voice title is available for the segment. The user selects a segment for playing by moving a cursor 692 to the desired segment. In FIG. 17 the cursor 692 is at a segment which was recorded on January 31, 1994 at the time 15:50:10. The length of the segment is 45 minutes and a voice title is available as indicated by the Y (699).

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In the Claims:

\ Please cancel Claims 4, 5, 6, 8, 9, 16, 18, 23 and 24.

Please amend Claims 1 - 3, 7, 10 - 15, 17, 19 - 22, 25 - 27 to read as follows:

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1. (amended) A method for providing voice titles for video programs recorded on a recording medium comprising:  
recording video programs on the recording medium;

generating audio signals of titles for the recorded programs;

converting the audio signals to textual title signals and storing the textual title signals;

displaying on a screen a directory of the video programs recorded on the recording medium;

selecting one of the video programs from the directory; and converting a stored textual title signal corresponding to the selected video program to an audio signal to apprise a user of the voice title of the selected video program.

2.(amended) The method of claim 1, wherein the audio signal is generated while the video program is being recorded.

3.(amended) The method of claim 2, wherein the audio signal is converted to a textual title signal while the video program is being recorded.

7.(amended) The method of claim 1, wherein storing the textual title signals includes transferring the textual title signals to a random access memory for later use to select programs for playback.

10.(amended) The method of claim 7, further comprising recording in the random access memory with the stored textual title signal other data to assist in the playback of the recorded program.

11.(amended) The method of claim 10, wherein the other data includes the recording medium location of the start of the recorded program.

12.(amended) The method of claim 10, wherein the other data includes the length of the recorded program.

13.(amended) The method of claim 10, wherein the other data includes voice title designations.

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14.(amended) The method of claim 13, wherein the voice title designations include the day and time of recording.

15.(amended) The method of claim 13, wherein the voice title designations include the length of the program.

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17.(amended) The method of claim 10, further comprising positioning the recording medium at the beginning of a video program responsive to the other data.

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19.(amended) The method of claim 1, further comprising playing the selected video program.

20.(amended) The method of claim 1, wherein generating audio signals of titles includes speaking the titles into a microphone.

21.(amended) The method of claim 1, wherein generating audio signals of titles includes speaking the titles into a microphone contemporaneously with recording the video program.

22.(amended) The method of claim 1, wherein displaying displays voice title designations for the recorded video programs for which audio signals are converted.

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25.(amended) The method of claim 1, wherein displaying includes displaying the textual titles for the recorded video programs.

26.(amended) The method of claim 1, wherein the stored textual title signals are alphanumeric textual signals.

27. (amended) The method of claim 26, further comprising storing the alphanumeric textual signals in the random access memory.

Please add new claims 28 - 72 to read as follows:

28. (new) The method of claim 1, wherein storing the textual titles includes storing the textual titles in a memory location separate from a storage of the directory of the video programs recorded on the recording medium.

29. (new) An apparatus for providing voice titles for video programs recorded on a recording medium comprising:

means for recording video programs on the recording medium and for displaying on a screen a directory of the video programs recorded on the recording medium and for selecting one of the video programs from the directory; and

audio processing means, coupled to the means for recording video programs, for generating audio signals of titles for the recorded programs, converting the audio signals to textual title signals, storing the textual title signals, and for converting a stored textual title signal, corresponding to a selected video program, to an audio signal to apprise a user of the voice title of the selected video program.

30. (new) The apparatus of claim 29, wherein the audio processing means further comprises means for generating the audio signal while the video program is being recorded.

31. (new) The apparatus of claim 30, wherein the audio processing means further comprises means for converting the audio signal to a textual title signal while the video program is being recorded.

32.(new) The apparatus of claim 29, wherein the means for recording video programs includes a random access memory for storing textual title signals for later use to select programs for playback.

33.(new) The apparatus of claim 32, wherein the random access memory includes means for storing with the stored textual title signal other data provided by the means for recording video programs to assist in the playback of the recorded program.

34.(new) The apparatus of claim 33, wherein the other data includes the recording medium location of the start of the recorded program.

35.(new) The apparatus of claim 33, wherein the other data includes the length of the recorded program.

36.(new) The apparatus of claim 33, wherein the other data includes voice title designations.

37.(new) The apparatus of claim 36, wherein the voice title designations include the day and time of recording.

38.(new) The apparatus of claim 36, wherein the voice title designations include the length of the program.

39.(new) The apparatus of claim 33, wherein the means for recording video programs further comprises means for positioning the recording medium at the beginning of a video program responsive to the other data.

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40.(new) The apparatus of claim 29, wherein the means for recording video programs further comprises means for playing the selected video program.

41.(new) The apparatus of claim 29, wherein the audio processing means further comprises a microphone for generating audio signals of titles by speaking the titles into the microphone.

42.(new) The apparatus of claim 29, wherein the audio processing means further comprises a microphone for generating audio signals of titles by speaking the titles into a microphone contemporaneously with recording the video program.

43.(new) The apparatus of claim 29, wherein the means for recording video programs further comprises means for displaying voice title designations for the recorded video programs for which audio signals are converted.

44.(new) The method of claim 29, wherein the means for recording video programs further comprises means for displaying the textual titles for the recorded video programs.

45.(new) The apparatus of claim 29, wherein the stored textual title signals are alphanumeric textual signals.

46.(new) The apparatus of claim 45, wherein the alphanumeric textual signals are stored in the random access memory.

47.(new) The apparatus of claim 29, further comprising the textual titles being stored in a memory location separate from a storage of the directory of the video programs recorded on the recording medium.

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48. (new) An apparatus for providing voice title information for video programs recorded on a recording medium, comprising:

a random access memory;  
a video program recording control logic controller;  
a microprocessor random access memory controller coupled between the random access memory and the video program recording control logic controller; and

an audio input device coupled to the video program recording control logic controller and responsive to audio signals;

the random access memory being coupled to the video program recording logic controller through a voice recognition circuit, such that audio signals are converted to textual signals by the voice recognition circuit under the control of the video program logic controller and stored in the random access memory under the control of the microprocessor random access memory controller as stored textual signals corresponding to video programs recorded on the recording medium.

49. (new) The apparatus of claim 48, further comprising:

an audio output device coupled to the video program recording control logic controller; and

a voice synthesizer coupled between the random access memory and the video program recording control logic controller, such that the stored textual signals are converted under the control of the random access memory controller to audio signals corresponding to video programs recorded on the recording medium by the voice synthesizer and are output by the audio output device under the control of the video program recording control logic controller.

50. (new) A method for providing voice titles for video programs recorded on a recording medium comprising:

recording video programs on the recording medium;

generating audio signals of titles for the recorded programs;

converting the audio signals to textual title signals and storing the textual title signals; and

displaying on a screen a directory of the video programs recorded on the recording medium, the directory including textual titles derived from the stored textual title signals.

51.(new) The method of claim 50, wherein the audio signal is generated while the video program is being recorded.

52.(new) The method of claim 51, wherein the audio signal is converted to a textual title signal while the video program is being recorded.

53.(new) The method of claim 50, wherein storing the textual title signals includes transferring the textual title signals to a random access memory for later use to select programs for playback.

54.(new) The method of claim 53, further comprising recording in the random access memory with the stored textual title signal other data to assist in the playback of the recorded program.

55.(new) The method of claim 54, further comprising positioning the recording medium at the beginning of a video program responsive to the other data.

56.(new) The method of claim 50, further comprising playing the selected video program.

57.(new) The method of claim 50, wherein generating audio signals of titles includes speaking the titles into a microphone.



58.(new) The method of claim 50, wherein generating audio signals of titles includes speaking the titles into a microphone contemporaneously with recording the video program.

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59.(new) The method of claim 50, wherein the stored textual title signals are alphanumeric textual signals.

60.(new) The method of claim 59, further comprising storing the alphanumeric textual signals in the random access memory.

61.(new) The method of claim 50, wherein storing the textual titles includes storing the textual titles in a memory location separate from a storage of the directory of the video programs recorded on the recording medium.

62.(new) An apparatus for providing voice titles for video programs recorded on a recording medium comprising:

means for recording video programs on the recording medium and for displaying on a screen a directory of the video programs recorded on the recording medium, the directory including textual titles derived from stored textual title signals; and

audio processing means, coupled to the means for recording video programs, for generating audio signals of titles for the recorded programs, converting the audio signals to textual title signals, and storing the textual title signals.

63.(new) The apparatus of claim 62, wherein the audio processing means further comprises means for generating the audio signal while the video program is being recorded.

64.(new) The apparatus of claim 62, wherein the means for recording video programs includes a random access memory for storing textual title signals for later use to select programs for playback.

65.(new) The apparatus of claim 64, wherein the random access memory includes means for storing with the stored textual title signal other data provided by the means for recording video programs to assist in the playback of the recorded program.

66.(new) The apparatus of claim 65, wherein the means for recording video programs further comprises means for positioning the recording medium at the beginning of a video program responsive to the other data.

67.(new) The apparatus of claim 62, wherein the means for recording video programs further comprises means for playing the selected video program.

68.(new) The apparatus of claim 62, wherein the audio processing means further comprises a microphone for generating audio signals of titles by speaking the titles into the microphone.

69.(new) The apparatus of claim 62, wherein the audio processing means further comprises a microphone for generating audio signals of titles by speaking the titles into a microphone contemporaneously with recording the video program.

70.(new) The apparatus of claim 62, wherein the stored textual title signals are alphanumeric textual signals.

71.(new) The apparatus of claim 70, wherein the alphanumeric textual signals are stored in the random access memory.